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Date: September 3, 2003

By: Shan Y. H.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

RE APPLICATION OF: *Ook Kim et al.*

APPLICATION No.: 09/989,587

FILED: 11/20/2001

FOR: **MULTI-PHASE VOLTAGE CONTROLLED  
OSCILLATOR (VCO) WITH COMMON  
MODE CONTROL**

EXAMINER: Chang, Joseph

ART UNIT: 2817

CONF. No: 1523

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TECHNICAL CENTER 2800

**Amendment Under 37 C.F.R. § 1.111**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The present communication responds to the Office Action dated March 3, 2003 in the above-identified application. Please amend the application as follows. The changes to the claims begin on page 2. The remarks begin on page 11.